

Application Serial No: 10/637,084
In reply to Office Action of 25 Feb 2005

Attorney Docket No. 83346

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims

1. (Currently amended): A composite material ~~containing~~
comprising:

a formed molybdenum particulate shape; and

an oxygen free copper matrix infiltrated within said formed
molybdenum particulate shape.

2. (Currently amended): A composite material according to claim 1, wherein said molybdenum particulate shape is present in an amount of approximately 35 - 65 vol% and the oxygen free copper ~~matrix~~ is present as the balance.

3. (Currently amended): A composite material according to claim 2, further comprising said composite material having an average molybdenum particle diameter of 2.31 microns, a mean free path through the infiltrated copper of 1.99 microns, and a mean center to center molybdenum particle spacing of 4.61 microns.

4.-10. (Cancelled).